

Draft amendment of claim 1

1. A sensor array comprising:

a substrate; and

a plurality of piezoelectric oscillators fixed on a main surface of the substrate in a matrix form, the main surface of the substrate extending in a plane defined by transverse x and y directions, each of the piezoelectric oscillators comprising:

a plurality of piezoelectric layers which extend in a z-direction transverse to the plane defined by the x and y directions and which are laminated in [a] the x or y direction [parallel to] of the main surface of the substrate;

inner electrodes disposed between the plurality of piezoelectric layers; and

outer electrodes formed on end faces of the plurality of piezoelectric layers.

